mosaic

Fall
1978

the george brown college of applied arts and technology

Graphic Design students win Metro logo contest

Winning logo by David Stramba

METRO TORONTO
25th ANNIVERSARY

Second prize logo by Kathy Stevenson

Two GBC first-year Graphic Design students won first and second prizes in a contest for a logo for Metropolitan Toronto this summer.

Etobicoke Controller Bruce Sinclair, Chairman of Metro's Silver Anniversary Committee, made the announcement at a June press conference at City Hall.

First-prize winner was David Stramba, 18. David won $2,000 as part of the prize money contributed by Coca-Cola Ltd., as well as a year of free passes to the TTC, the O'Keefe Centre, the Metro Zoo, The Canadian National Exhibition, the Royal Winter Fair, and more. More than 1,250 entries were received, many from professional designers.

Second-prize winner Kathy Stevenson won $750.

Judges were: Chris Yaneff, of the Society of Graphic Designers of Canada; Hans Kleefeld, Graphic Designer; and John C. Parkin, President, Royal Canadian Academy of Arts.

Mr. Yaneff said the winning logo, six intertwining circles representing the five boroughs and the city, was chosen from many good designs because it was the most functional.

"Goodbye" to the graduating class

More than 1,000 students graduated from post-secondary programs this summer (see p.3).

Nearly double that number came into the College this fall to take their place.

For the newcomers it was a busy and sometimes confusing time.

To help introduce them to the College and to each other, several divisions held orientation programs.

One of the most elaborate, incorporating tours, talks, films and sports events, was organized by the Allied Health Division at Casa Loma. The two-day program was topped off with fun and games at Winston Churchill Park, Sept. 6. A wheelbarrow race, three-legged race (see above right), a spoon race, bean bag toss, balloon burst and similar activities got the school year off to a happy start.

Other divisions also held orientations.

...newcomers off to good start

Fashion Design had its annual orientation and tour for first-year students in the gym at Kensington, September 6. Community Services conducted both in-house and outside orientations. One department held its annual weekend outing to Strangewood, a private estate on the way to Barrie, to break the ice and allow staff and students to get to know one another.

At. St. James Campus, the Nursing Division held orientation for first-year students, September 7 & 8. Graphic Arts had two orientation sessions on September 6, at which student handbooks were distributed to Graphic Design and Printing students.

In addition, the St. James Student Council organized activities for all students at that campus including speeches; a Toronto Island picnic complete with games and races; a movie; a coffee house; and "buddy system" tours of the campus by 2nd, 3rd and 4th semester students.

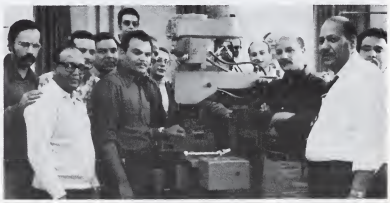
The idea was borrowed from Business and Commerce who started the buddy system some years ago.

And now that everyone's acquainted and knows their way around, it's back to the books and lots of hard work.

Good luck to the class of 80/81.

Egyptians study numerical control at George Brown

The College was host to 15 Egyptian enginaars, tachnicians, programmers and maintenance parsonnal, for a special thraa-waak program in numerical control, this Septembar. Tha program was a joint undertaking by tha Arab Offica of Industrializa-tion, Canadian manufacturar A.R. Williams Machinary Co. Ltd. and the Collaga. Participants wara: Ibrahim Abdelmoneim, Abdal-El Sayad Aly Hassan, Ahmad Mostafa Abdal Fattah, Mohamad Mahmoud Hanafi, Hassan Mohamad Hassan Hassanain, Nabil Mohamad Hassan Hasouna, Mohamed Ahmed Mouftah, Abdel-Fattah Ahmed Abdal Fattah, Nabil Anwar Hamad, Mohamad A Diab, Mohamad Awadel Sayed, Khairy Ragab Hussain, Ibrahim



Mohamed Elsaka, Ezz El Said Elesswai, Abou-El Hadid Abdelal Amer. Some members of the class are shown here with instructor Gaorga Danac and tha College's naw numerical control milling machina. Arrangements for the program wara mada through Education Rasources Diractor Alex O'Railly.

Summer school of dance a hit

Dance Chairman Lois Smith is pleased to report that the Summer School of Dance had it's most successful year ever this summer.

More than 70 students enrolled from all parts of Canada and some areas of the United States. The presence this year of two prestigious guest faculty from the Royal Ballet in England: Terry Westmoreland and Monica Mason; together with the "outstanding calibre of the students", contributed to the summer school's success.

Miss Mason, dancing the part of Odette, joined the students in a performance of Swan Lake Act II, at the school's popular "Evening of Dance", August 9 and 10, at Castle Frank High School. She was artist-in-residence from July 31 to August 11, by permission of the Royal Opera House, Covent Garden. She and Mr. Westmoreland have expressed interest in returning next summer.

people

New Staff and Changes

Food Technology: Geoffrey Lough, Werner Biondi, Patrick Clarke, Bjorn Rasmussen, Michael Hanwell, Terry Atkins, new faculty, Kensington Campus. Terry Atkins graduated from George Brown's Hotel Administration program in 1973 and returns to the College from Control Foods. Paul Gordon, technician, Kensington. **Fashion Technology:** Harold Bywater (Upholstery), Morris Chandross (Grooming), new faculty, Kensington Campus; Antonio Melihen, technician, Kensington; Jerry Bitter (Jewellery), new faculty, Casa Loma; William Chin (Watchmaking), new faculty, St. James; James Jones, new faculty, College Campus. Bob Weeden, formerly with the Architectural Division, is now on faculty in the Fashion Division at Kensington. **Electro-Mechanical:** Tommaso Tomassi (Welding), James Fitzpatrick, Hollis Straker, Doyle Stinnett, new faculty, Casa Loma; William George (Home Entertainment), new faculty, St. James. Roslyn Talbert, formerly a clerk in the Nursing Division, has transferred to the Welding Department at Casa Loma. Lillian Frimer has transferred from Welding to Records at MacPherson. **Architectural Technology:** William Slessor (Civil Survey), Gary Smith (Carpentry), David Bruce (Refrigeration), new faculty, Casa Loma. Brenda Hilborn, formerly Bursar's secretary, Casa Loma, has transferred to the Architectural Division. **Allied Health Auxiliaries:** Dr. Paul Andrachuk has been appointed chairman. He worked for many years in private practice and has been associated in practice and as a teacher for 14 years with the Faculty of Dentistry, University of Toronto. Most recently he worked for the Ministry of Community and Social Services at its Oakville Reception and Assessment Centre. He has also been a member of the Denture Therapy Licensing Board and has taught part-time in the dental programs at George Brown. Susan Born and Susan Rudin (Dental), new faculty, Casa Loma; Lidia Leite, typist, Casa Loma. **Hearing Impaired:** Jan Hughes, new faculty, Casa Loma; Marina Jackson, technician, MacPherson; Gordon Newman, Peggy O'Leary, technicians, St. James. **Graphic Arts:** Earl Walker, chairman. Mr. Walker comes to the College from Akron, Ohio, where he was advertising and sales promotion manager for General Tire International Company. He has worked in advertising for many years and in 1977 was a finalist out of 7,000 entries in the Cleo Advertising Awards competition in New York. George Krisman, new faculty, St. James. Albert Chong, Graphic Design instructor, has returned from sabbatical leave. **Mathematics & Science:** Joseph Mursec, Stan Rosenberg, Vangel Angelov, Ishwar Dean, new faculty, Casa Loma; Dr. Shirley Holloway, new faculty, St. James. Dr. Bertha Smith has returned from sabbatical leave. **English & Liberal Studies:** Robert Kotyk, Joe Bellamo, new faculty, Casa Loma; Arthur Jones (Dance), St. James. G. Florence, faculty, has returned from sabbatical leave. **Industrial Training:** Karen Cross, clerk; Charlotte Lawrence, typist, College Campus. **Bookstore:** John Longlad, supply clerk, Casa Loma; Pamela Wallace, clerk, Casa Loma; Canute Coke, shipper/receiver, Casa Loma. **Maintenance:** Ferenc Oszmann, B. W. Masniuk, Wladyslaw Zaryczanski, St. James; J. M. Afonso, Kensington. **Student Services:** Barbara Robinson, co-ordinator of placement services, MacPherson. Marjorie Jenkins has transferred from the Placement Office, Kensington, to the Placement Office, Casa Loma. Marianna Korman is taking the first rotation as co-ordinator of counselling services for the academic year 1978/9, office St. James Campus. **Library Services:** Patricia Routledge, technician, St. James. **Information Systems:** Peter Rohel, computer operator, Casa Loma; Veli Naski, data base administrator, Casa Loma. **Research & Planning:** Andrew Troop, assistant to Director Richard Myron, MacPherson. **OCAP:** Muriel cowan has been appointed to assist Mr. Rath in counselling OCAP students as well as setting up a career counselling program for students. **Bursar's Office:** Diane Papaspyrou, formerly with Industrial Training, is new secretary in the Bursar's Office, Casa Loma. **Test Center:** Nezlyn Turner, formerly admissions clerk at St. James, is now a clerk in the Test Center at Casa Loma. Sheila White is also a new clerk with the Test Center. **Registrar's Office:** Martine Talbert, formerly admissions clerk at St. James, is now with the Registrar's Office at MacPherson. **Admissions:** Naomi Kordi, formerly with the Test Center at Casa Loma, is new clerk in Admissions at St. James. **Nursing:** Sandy Matthews has returned from sabbatical leave and will be working at Nightingale Campus. **Personnel:** Anne McIntyre has transferred to Personnel at MacPherson.

Congratulations

Betty McWhinnie, Business and Commerce, has been given a temporary assignment as assistant to the vice-president academic, working on Education Committee business.

Mosaic was pleased to learn that **Elaine Hines**, Nursing graduate, January '78 (see Nursing graduation held at Nightingale, Feb. Mosaic), has been hired full-time to nurse in the Rheumatic Diseases Unit at Wellesley Hospital.

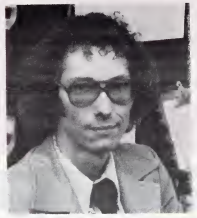
Heather Stewart, teaching master in the Nursing Division, has been elected president of the Canadian Nurses' Respiratory Society, the nursing section of the Canadian Lung Association.

Bill Fallis, a teacher in Community Services' Basic Job Readiness program, has been awarded his M.Ed. in Education Theory from OISE. Mr. Fallis specialized in adult education.

Linda Cuthbart, a graduate of the Dental Hygiene program, was a gold medalist in the ladies' tower diving competition at the Commonwealth Games in Edmonton this summer.

Dean of Fashion Sid Schipper has been appointed identifying consultant, Convention on International Trade in Endangered Species of Wild Fauna and Flora for the Department of Fisheries and Environmental Management Division, Canadian Wildlife Service. He's also been appointed chairman of the Education Committee of the Arbitrators' Institute of Canada; and re-elected a director of Fashion Canada (Department of Industry, Trade and Commerce, Ottawa) and co-ordinator for education of its Designer Development Committee. This responsibility concerns co-ordinating faculty upgrading in apparel technology for all Ontario colleges, and maintaining support for Ontario fashion students. Chairman Peter Felder has been appointed a director of the Needle Trades Management Association and a member of the Suppliers and Machine Show Committee of the NTMA. Gerry Fenkell, acting co-ordinator of the Apparel Management program, has been appointed a member of the Secondary School Liaison Committee of NTMA. Joe Rugole, co-ordinator of the Watchmaking and Watch Repair programs, has been appointed chairman of the Council of Research and Development of the American Watchmakers' Institute.

Bookstores welcome customer feedback



John Henry

Line-up in Casa Loma bookstore in September.

The College bookstores have grown from a small student/teacher-run operation in 1968 to full-time stores at the three largest campuses and a part-time service at College Street. Business this year is expected to total more than half a million dollars.

John Henry has been manager of the bookstores for the past year. He's assisted by Rose Hudson and Pamela Wallace (Casa Loma store); Gary Rozsa, Cathy Oh and Canute Coke (146 Kendal); Lynn Sadath (St. James); and June Allen (Kensington).

Each bookstore is different, says John. The Casa Loma store is technology-oriented. It mainly handles textbooks for apprentices, technology and allied health students. The Kensington store carries chef supplies, barbering and hairdressing supplies and texts for programs at that campus. St. James caters to the needs of Graphic Arts, Business, Nursing and Electronics students. The part-time store at College Campus carries textbooks and stationery supplies geared to students at that campus.

The policy of the bookstores is to be practical, says John. We carry required texts, plus a few extras. "We try not to handle too many luxury items that are available elsewhere, but we're always open to suggestions. The stores are here to serve the College, and feedback is welcome."

John's mandate as manager is to return a gross profit of approximately 20 per cent over cost to the general revenue fund of the College.

Prior to coming to George Brown, he worked for a number of years for Coles Bookstores, managing stores in Sault Ste. Marie and Toronto. He was also district manager for four south-western Ontario stores for Epic Bookstores.

The bookstores here require a little different approach, he says. "The emphasis is more on service than profit. Also, the peaks come at different times. It's like dealing with a whole bunch of Christmases, one after another."

Gary Rozsa, assistant manager, is there to help. He acts primarily as purchasing agent. Cathy Oh looks after inventory and works closely with the Accounting Department and other store clerks. She also spends two afternoons a week running the College Campus store.

Anyone who has any questions or suggestions about the bookstores should contact John Henry at the bookstore office, 146 Kendal Avenue (Casa Loma Campus), or phone him at extension 486.

Potential GBC students, we hope

ESL student Eloise Remy made the headlines this summer with the delivery of four baby girls Lisa, Laura, Linda and Layla, at Women's College Hospital.

They were the first quadruplets born in Toronto since 1975.

Eloise and her husband Jean-Louverture come to Canada from Haiti about a year ago. Mrs. Remy, who speaks French, was studying English at the College with the hope of qualifying as a nurse in Canada. While she was in the hospital, Julie Kay, former chairman in the Language Division, acted as her private tutor.

Support for the Remys, who lived in a small one-bedroom apartment, has been forthcoming from various community groups and individuals in the form of gifts and cash. The College will make a contribution through the hospital's social service division.

Photo courtesy of Christine Marshall-Smith, Women's College Hospital.

Happenings

Congratulations to newly-weds John and Mary Griffin (nee Boyd), Athletics Department, Casa Loma; Debbie Bull, library, Casa Loma, now Mrs. Aujlay; Lone Jorgensen, Fashion Division, Kensington, now Mrs. Vanderbroek; Donna Pritchard, Records, MacPherson, now Mrs. Maciel; J. P. Patterson, Records, now Mrs. Kenyon; George McConnell, maintenance, St. James; Claudine Kennedy, Nursing, St. James, now Mrs. Luczay; Barbara Boelho, ESL, College Campus, now Mrs. Lawrence; Bart Soederhuysen, Audio-Visual, St. James, and his wife Christine. Josie Reda had a baby boy in March and has left the College to become a full-time mother.

Lorraine and Bob Farquharson (Transportation) had a baby girl, Michelle Lee, in October.

Fred Strong, counsellor at St. James Campus, has donated to the College Archives his doctoral thesis titled "Manpower Training In Adult Training Centres And The Adult Counselling Centre in Toronto As Viewed By Staff Involved, 1960-1969", including related documents and pamphlets.

Departures

Industrial Training: Linda Ng, secretary, has left the College to move to Hamilton with her husband. **English & Liberal Studies:** Kathy Croucher, instructor, has left the College to move to Calgary with her husband; Corrine Douglas, Test Center, Casa Loma, has left the College to move to Edmonton. **Bookstore:** Greta McDonald, clerk, has left the College to return to her family home out west. **Nursing:** Linda Buzzell has left the College to move to the east coast with her husband; Ruth Janzen has taken a nursing position in England; Fredlina Brueckner has left the College to become a full-time mother; Judy Weinstein has moved to Quebec with her husband to start a new business.

Eric Latham

College staff were sorry to learn of the death, September 6, of longtime friend and colleague Eric Latham. Mr. Latham was most recently working in the Bursar's Office at College Campus. He was previously with the Registrar's Office at MacPherson, and was Bursar at the Bloor Street Adult Education Counselling Center when it became part of the College in 1969. He will be sadly missed.

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GRADUATION 1978

More than 1,000 students graduated from post-secondary programs at the College this summer. Graduation ceremonies were held at Convocation Hall, University of Toronto, on June 17 and August 4.

Outgoing President Cliff Lloyd addressed the June gathering which included graduates from the Allied Health, Architectural Technology, Business and Commerce, Community Services, Electro-Mechanical, Fashion, Food, Graphic Arts and Performing Arts Divisions.

Doug Light, as one of his first official duties as new College president, conferred the diplomas on the nursing graduates at the August Ceremony.

Academic procession, Nursing graduation. Shown front: Governor Horace Brown and guest speaker Dorothea Orem.

Prudence Williams, 34, has seen George Brown College from several viewpoints.

The latest was as valedictorian for the Nursing Class of '78 and then as College alumna.

Prudence first came to George Brown in June 1970, as a student in the 10-month commercial/clerical program at Teraulay Campus. She was later hired to work in the Accounts Payable Department. From there she transferred to the Health Centre at Kensington Campus and then moved to 500 MacPherson as secretary to Director of Health Services Muriel Davidson.

Two years ago she was accepted into the two-year Nursing program at the College.

Prudence graduated this summer and is currently working at Toronto Western Hospital.

"I've always been interested in nursing," she says. I took some training in Jamaica but had to leave because of illness.

I had several jobs when I first came to Canada including babysitter, sales clerk/cashier, and assistant for Red Cross blood donor clinics.

The return to full-time nursing studies was demanding and costly. "But it was worth the sacrifice."

The night before graduation, Prudence gave the valedictory address at an ecumenical black band and pin ceremony at St. Paul's Church on Power Street.

The following excerpt from that speech probably best sums up her feelings about George Brown College and her new career.

"...As a class, we have spent endless hours adapting to a new theory of nursing — that of Dorothea Orem, in regards to the Universal Self-Care Requirements — air, food, H_2O, solitude and social interaction, activity and rest. After 2 years, I trust that we have all overcome our self-care deficits and limitations, and that there will be no hazards to life, health or well-being in the future.

Our sincere thanks to the Dean of Nursing, her Assistant, and her dedicated staff of Chairmen, teachers and other personnel who had the difficult task of developing an excellent curriculum and moulding and shaping us into competent professional nurses. We shall not forget your unfaltering patience, kindess and understanding, which gave us the courage to face each new task as we struggled to meet the highest standards of nursing practice, and to uphold the standards set by our predecessors.

Nor shall we forget the hospitals and various community agencies which opened their doors to us and gave us the opportunity to learn and develop our skills. We thank you.

To our patients — thank you for giving us the opportunity to serve you. Your kindness and co-operation will not be forgotten, because without you, this evening would not have been possible.

And, finally, to our parents, relatives and friends, we want you to know that your love, understanding and encouragement has been appreciated. Thank you for sharing the difficult moments with us and for your guidance and inspiration which helped to keep us working towards our desired goal. As you share this moment with us, we hope you are as proud of us as we are of you.

And to my classmates — it is with reluctance that I bid you farewell. In parting, may I leave with you this simple thought . . .

I pass this way but once. Any good therefore that I can show to any human being, let me do it now — let me not defer nor neglect — for I shall not pass this way again."

Above: Graduating class, Nursing, August 4th Convocation.

Below: Gradudates, friends and families gather outside Convocation Hall after June 17th Convocation.

Prudence Williams with Director of Health Services Muriel Davidson at Hart House reception.

Outstanding Welding student of the year Bill Chipman receives plaque and set of welding manuals from Canadian Welding Society Chairman Art Giddy at June Convocation. Far left: instructor John Wilmott, Dean Manfred Straka holding plaque.

English And Liberal Studies Division

In the summer of 1976, a reorganization of the College's Academic and Language Training Divisions took place.

Two new divisions were formed. Mathematics and Science was headed by Dr. R. B. Gwilliam, formerly principal of Kensington Campus. English and Liberal Studies was headed by Ray Santin, formerly dean of Language Training. Howell Pritchard, who had been dean of the Academic Studies Division, was appointed vice-president academic.

The Academic Division dated back to the Provincial Institute of Trades and the Provincial Institute of Trades and Occupations. It had responsibility for academic training for all College divisions, plus academic upgrading (added in 1969 with the adult training centres), and for academic testing. In 1970, its base subjects of mathematics, science, English and economics were broadened to include social sciences, small business management and options in post-secondary English. The Division was lead by a succession of deans: Brian Beetles, now principal of Casa Loma Campus; Brad Webb, now retired; and Howell Pritchard.

The Language Training Division came to the College with the adult training centres. It was responsible for all classes in English As A Second Language, plus extension courses in foreign languages. The size of the Division fluctuated over the years with immigration patterns. But enrollment peaked about 1970. Ray Santin was chairman, then dean of the Division, from 1969 to 1976.

The following articles outline the organization and development of the Mathematics and Science Division and the English and Liberal Studies Division since their inception two years ago.

This is the fourth in a series of articles on the development of the divisions since George Brown College was formed in 1968. Each issue of the Mosaic this year features one or two divisions.

Ray Santin, Dean, English & Liberal Studies.

Dr. R. B. (Bob) Gwilliam, Dean, Mathematics & Science.

The English and Liberal Studies Division has a staff of 122 teaching masters, seven co-ordinators, five technicians and five secretaries.

It not only operates at all campuses but also runs courses at other community centres.

The English section of the Division is divided into five areas.

Post-secondary courses take students from a review of basic writing skills through applicable technical and business writing to writing a major technical report. Electives are also offered in some programs.

Manpower courses are designed to meet specific program and student needs.

Apprenticeship courses emphasize reading, oral communication and writing. Trade-related material is used where possible.

Basic Training Skill Development (BTSD) courses teach literacy skills which prepare students to enter regular full-time programs. A Life Skills course has also recently been introduced.

English As A Second Language (ESL) courses teach new Canadians basic English language skills with emphasis on oral communication.

ESL was the foundation of the old Language Training Division. The ESL departments of the adult education centres were amalgamated when the centres joined George Brown College in 1969. The ESL department at COSTI was transferred to George Brown in 1970. The Division has also run classes for the Metropolitan Toronto Separate School Board, at various locations around the city. It has also operated a class out of St. Stephen's Community Centre and one at the Ontario Mental Heath Centre on Queen Street, for the past several years, each with about 20 students. COSTI accommodates about 240 students at a time.

At the peak of immigration to Canada, the ESL department had a staff of about 170, with classes running day and night.

Many George Brown staff, and staff at other Colleges, got their start in the Language Division at College Street, says Mr. Santin. The faculty has included, from time to time, such notables as Provincial Cabinet Minister Larry Grossman, and Bill Charlton, past chairman of the Toronto Board of Education.

In recent years, with the decline in immigration, ESL purchases by Manpower have declined. Mr. Santin expects this to continue for the immediate future.

Of some 750 students now enrolled in ESL courses in the English and Liberal Studies Division, about 250 are fee payers, the rest are sponsored by Canada Manpower.

Students start and finish courses every week. A course is divided into six levels of approximately four weeks each. Graduate levels are offered for those who wish to continue.

In addition to ESL, the English and Liberal Studies Division offers part-time courses in foreign languages and a part-time course for teachers of English As A Second Language.

Some 39 courses in first-language English are offered to post-secondary students in other College divisions. Making these courses as relevant as possible to the particular occupational area, is the main objective, says Mr. Santin.

In the area of liberal studies, the Division offers economics, French, humanities (philosophy, comparative religion, medical moral problems), law, psychology, sociology, supervision in industry, and teaching techniques.

In June 1978, the School of Dance and the Theatre Arts Department were transferred to the Division.

"The School of Dance has built an excellent reputation in professional dance circles," says Mr. Santin, "through the talents of its distinguished Chairman, Lois Smith, and the fine teachers she's hired. Students came from as far away as Ohio, California and Canada's east and west coasts, to attend the summer school this year." The dance school operates out of St. James Campus.

The Theatre Arts Department, under the direction of Joseph Shaw, has recently moved from Kensington Campus to a building at 530 King Street East. It had its first graduating class this year, and is also gaining a healthy reputation for practical, quality training, says Mr. Santin.

This Division is very flexible, he says. "It's had to be."

It was the first in the College to institute a 12-month year, whereby full-time faculty were replaced at vacation time by other full-time faculty. It also pioneered the use of regular faculty to staff part-time courses. These developments took place at times of shrinking enrollment.

When the division was expanded to include first-language English and liberal studies, it became even more flexible. "Second language teaching is good preparation for first-language teaching," says Mr. Santin. "By moving faculty from course to course and campus to campus, we haven't had to lay off a single teacher because of declining ESL enrollment.

Mr. Santin advocates that teachers take advantage of the opportunity to change courses and campuses. "Change can be stimulating and a new challenge, refreshing," he says.

English and Liberal Studies shares responsibility with the Mathematics and Science Division for Test Centre operations at Casa Loma Campus, for BTSD training at Casa Loma and Kensington and for the Pre-Health Science program. The two divisions will also co-operate in the future development of more re-entry preparatory courses for post-secondary programs.

Mathematics And Science Division

Flexibility and staff development are cornerstones of the Mathematics and Science Division, says Dr. Gwilliam. Faculty and administrators are encouraged to broaden their horizons both inside and outside the College.

The Division has a staff of 59 teachers, nine co-ordinators, three technicians, three secretaries and three full-time chairmen. There are also two chairmen who share duties with English and Liberal Studies.

An agressive staff development program has been undertaken over the past two years.

Besides individual work being done through sabbaticals, all faculty get together as a group at least twice a year for seminars and lectures. Group development at the local level under the chairmen is also encouraged.

Last year, Dennis Bishop, then co-ordinator now chairman, Mathematics and Science, lead a lunchtime series for the secretarial staff on person-to-person communication and the role of the secretary. The program was so successful that it's being continued this year, to cover other subjects of general interest.

Jack Muma's secretary, Lilian Cohen, who participated last year, says the series was very useful. She hopes other secretaries in the College will be included in future sessions particularly those involving outside speakers. "It's good that support staff are receiving recognition," she says. "I think the lunchtime series is an excellent idea."

In addition a new program is underway whereby the chairmen will interview each staff member to review their personal goals and suggestions for the development and improved operation of the Division.

The Mathematics and Science Division provides full-time students in other College divisions with 146 courses in applied mathematics and science. It also offers 21 part-time courses including two chemistry-based ones in Coatings and Ink Technology. These have been so successful, due to an aggressive recruitment campaign through the advisory committee, that a third related course in Adhesives is planned for the future.

In addition, Mathematics and Science shares responsibility with the English and Liberal Studies Division for the Test Centre at Casa Loma and for three types of upgrading programs.

The Test Centre grew out of a need expressed by Manpower to have a centre where students could be sent for academic assessment, says Dr. Gwilliam. It provides testing in mathematics and language skills, makes recommendations to Manpower, and evaluates students for upgrading programs.

The upgrading programs include Basic Training Skill Development (BTSD), co-ordinated by English and Liberal Studies Chairman Jim Ross at Casa Loma Campus; post-secondary upgrading, co-ordinated by Mathematics and Science's Ed Galezowski at Kensington; and the Pre-Health Science program, co-ordinated by Mathematics and Science Chairman Jack Hague at St. James Campus.

The BTSD courses are for students wishing to enter Manpower programs. An independent learning system allows the students to work independently on a prescribed course of studies. They start work at a level corresponding to their academic skills, and advance at their own best rate. About 450 students are enrolled in upgrading at Casa Loma at any given time.

Students wishing to enter post-secondary programs take their upgrading at Kensington Campus. These courses accommodate approximately 100 to 150 students at any one time.

The third type of upgrading is the post-secondary preparatory program in Pre-Health Science. Started last fall, the program was conceived out of meetings with the Nursing Selections Committee (Jack Hague was a member).

It was an extension of a preparatory course in biology and chemistry started two years ago for nursing candidates.

Students were selected from lists of candidates narrowly rejected for Nursing and other health science programs because of gaps in their academic background.

Twenty-four out of 28 students successfully completed the first one-semester program. Twenty of these entered the Nursing program last January. The remainder have entered other health science programs here or elsewhere. This September the number of students taking the program has grown to 45, 24 of whom are applicants for Nursing.

Much of the success of this program is due to its being designed and taught by the same teachers who teach the academic subjects in the regular post-secondary programs, says Dr. Gwilliam.

He sees the post-secondary preparatory program as the "harbinger of the future" for the Division. He hopes similar programs can be developed for other College divisions.

In fact, planning starts this fall for a program to feed students into the Electro-Mechancial Division. Students will be recruited on the understanding that successful candidates will get first consideration for entry into the post-secondary program. Target starting date is in January.